

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/491,322DATE: 11/20/2000
TIME: 23:36:43

INPUT SET: S36123.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

RECEIVED

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Hein, Mich B.
6 Hiatt, Andrew C.
7 Ma, Julian K.C.
8
9 (ii) TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING ASSEMBLED
10 SECRETORY ANTIBODIES
11
12 (iii) NUMBER OF SEQUENCES: 26
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE
16 (B) STREET: 10666 North Torrey Pines Road, TPC-8
17 (C) CITY: La Jolla
18 (D) STATE: California
19 (E) COUNTRY: US
20 (F) ZIP: 92037
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: 09/491,322
30 (B) FILING DATE:
31 (C) CLASSIFICATION:
32
33 (vii) PRIOR APPLICATION DATA:
34 (A) APPLICATION NUMBER: 08/642,406
35 (B) FILING DATE:
36
37 (vii) PRIOR APPLICATION DATA:
38 (A) APPLICATION NUMBER: US 07/427,765
39 (B) FILING DATE: 27-OCT-1989
40
41 (viii) ATTORNEY/AGENT INFORMATION:
42 (A) NAME: Logan, April C.
43 (B) REGISTRATION NUMBER: 33,950
44 (C) REFERENCE/DOCKET NUMBER: 184.2
45
46 (ix) TELECOMMUNICATION INFORMATION:

ENTERED

TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/491,322DATE: 11/20/2000
TIME: 23:36:43

INPUT SET: S36123.raw

47 (A) TELEPHONE: (619) 554-2937
48 (B) TELEFAX: (619) 554-6312
49
50

51 (2) INFORMATION FOR SEQ ID NO:1:
52

53 (i) SEQUENCE CHARACTERISTICS:
54 (A) LENGTH: 18 base pairs
55 (B) TYPE: nucleic acid
56 (C) STRANDEDNESS: single
57 (D) TOPOLOGY: linear

58 (ii) MOLECULE TYPE: DNA (genomic)
59

60 (iii) HYPOTHETICAL: NO
61

62 (iv) ANTI-SENSE: NO
63
64
65

66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
67

68 CCTTGACCGT AAGACATG
69

18

70 (2) INFORMATION FOR SEQ ID NO:2:
71

72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 22 base pairs
74 (B) TYPE: nucleic acid
75 (C) STRANDEDNESS: single
76 (D) TOPOLOGY: linear
77

78 (ii) MOLECULE TYPE: DNA (genomic)
79

80 (iii) HYPOTHETICAL: NO
81

82 (iv) ANTI-SENSE: NO
83
84
85

86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
87

88 AATTCATGTC TTACGGTCAA GG
89

22

90 (2) INFORMATION FOR SEQ ID NO:3:
91

92 (i) SEQUENCE CHARACTERISTICS:
93 (A) LENGTH: 33 base pairs
94 (B) TYPE: nucleic acid
95 (C) STRANDEDNESS: single
96 (D) TOPOLOGY: linear
97

98 (ii) MOLECULE TYPE: DNA (genomic)
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/491,322DATE: 11/20/2000
TIME: 23:36:44

INPUT SET: S36123.raw

1

100 (iii) HYPOTHETICAL: NO
101
102 (iv) ANTI-SENSE: NO
103
104
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
107

TECH CENTER 1600/2900

33

108 TGTGAAAACC ATATTGAATT CCACCAATAC AAA
109
110 (2) INFORMATION FOR SEQ ID NO:4:
111

112 (i) SEQUENCE CHARACTERISTICS:
113 (A) LENGTH: 45 base pairs
114 (B) TYPE: nucleic acid
115 (C) STRANDEDNESS: single
116 (D) TOPOLOGY: linear
117

118 (ii) MOLECULE TYPE: DNA (genomic)
119

120 (iii) HYPOTHETICAL: NO
121

122 (iv) ANTI-SENSE: NO
123
124
125

126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
127

45

128 ATTTAGCACA ACATCCATGT CGACGAATTC AATCCAAAAA AGCAT
129

130 (2) INFORMATION FOR SEQ ID NO:5:
131

132 (i) SEQUENCE CHARACTERISTICS:
133 (A) LENGTH: 42 base pairs
134 (B) TYPE: nucleic acid
135 (C) STRANDEDNESS: single
136 (D) TOPOLOGY: linear
137

138 (ii) MOLECULE TYPE: DNA (genomic)
139

140 (iii) HYPOTHETICAL: NO
141

142 (iv) ANTI-SENSE: NO
143
144
145

146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
147

42

148 GGGGAGCTGG TGGTGAATT CGTCGACCTT TGTCTCTAAC AC
149

150 (2) INFORMATION FOR SEQ ID NO:6:
151
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/491,322DATE: 11/20/2000
TIME: 23:36:44

INPUT SET: S36123.raw

RECEIVED

TECH CENTER 1600/2000

153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 30 base pairs
155 (B) TYPE: nucleic acid
156 (C) STRANDEDNESS: single
157 (D) TOPOLOGY: linear
158
159 (ii) MOLECULE TYPE: DNA (genomic)
160
161 (iii) HYPOTHETICAL: NO
162
163 (iv) ANTI-SENSE: NO
164
165
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
167
168
169 CCATCCCATG GTTGAATTCA GTGTCGTCAG
170
171 (2) INFORMATION FOR SEQ ID NO:7:
172 (i) SEQUENCE CHARACTERISTICS:
173 (A) LENGTH: 45 base pairs
174 (B) TYPE: nucleic acid
175 (C) STRANDEDNESS: single
176 (D) TOPOLOGY: linear
177
178 (ii) MOLECULE TYPE: DNA (genomic)
179
180 (iii) HYPOTHETICAL: NO
181
182 (iv) ANTI-SENSE: NO
183
184
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
187
188
189 CTGCAACTGG ACCTGCATGT CGACGAATTC AGCTCCTGAC AGGAG
190
191 (2) INFORMATION FOR SEQ ID NO:8:
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 42 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: DNA (genomic)
199
200 (iii) HYPOTHETICAL: NO
201
202 (iv) ANTI-SENSE: NO
203
204
205

30

45

RAW SEQUENCE LISTING PATENT APPLICATION US/09/491,322

DATE: 11/20/2000
TIME: 23:36:45

INPUT SET: S36123.raw

206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
207
208
209 CCTGTAGGAC CAGAGGAATT CGTCGACACT GGGATTATTT AC
210

42

211 (2) INFORMATION FOR SEQ ID NO:9:

RECEIVED

212 (i) SEQUENCE CHARACTERISTICS:
213 (A) LENGTH: 75 base pairs
214 (B) TYPE: nucleic acid
215 (C) STRANDEDNESS: single
216 (D) TOPOLOGY: linear
217

TECH CENTER: 500/2900

218 (ii) MOLECULE TYPE: DNA (genomic)
219

220 (iii) HYPOTHETICAL: NO
221

222 (iv) ANTI-SENSE: NO
223
224
225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
227

60

228 GAATTCATTC AAGAATAGTT CAAACAAGAA GATTACAAAC TATCAATTTC ATACACAATA
229

75

230 TAAACGATTA AAAGA
231

232 (2) INFORMATION FOR SEQ ID NO:10:
233

234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 90 amino acids
236 (B) TYPE: amino acid
237 (D) TOPOLOGY: linear
238

239 (ii) MOLECULE TYPE: peptide
240

241 (v) FRAGMENT TYPE: N-terminal
242
243
244

245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
246

247 Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
248 1 5 10 15
249

250 Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp Glu Thr Ala Gln
251 20 25 30
252

253 Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu Gly Asp Phe
254 35 40 45
255

256 Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly Leu Leu
257 50 55 60
258

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/491,322

DATE: 11/20/2000
TIME: 23:36:45

INPUT SET: S36123.raw

Original Text

Line

Error

PAGE: 1

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/491,322

DATE: 11/20/2000
TIME: 23:36:45

INPUT SET: S36123.raw

<< THERE ARE NO ITEMS MISSING >>

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION *US/09/491,322*

DATE: 11/20/2000
TIME: 23:36:45

INPUT SET: S36123.raw

Line	Original Text	Corrected Text
------	---------------	----------------